

A1 sub 22 and amended
a second pin secured to the lower arm and laterally extending into the second guide slot;

a drive assembly operatively connected to the lower arm to selectively move the lower arm relative to the upper arm and including:

a screw carried by the upper arm;

a nut secured to the lower arm, laterally extending through the drive slot from the lower arm to the screw, threadably engaging the screw, and adapted to axially move along the screw upon rotation of the screw; and

a motor operatively connected to the screw to selectively rotate the screw.

A2 sub 23 amended
5. (amended) The adjustable control pedal according to claim 1, wherein weight of the lower arm is supported by the upper arm only through the first and second pins.

Please add new claims 22 to 37 in the following manner:

A3 sub 22 amended
22. (new) The adjustable control pedal according to claim 1, wherein the upper arm pivots about a pivot axis which is at a fixed position relative to the upper arm.

23. (new) The adjustable control pedal according to claim 1, wherein the upper arm pivots about a pivot axis which is spaced apart from the drive slot.

24. (new) The adjustable control pedal according to claim 1, wherein the drive slot is inclined.

25. (new) The adjustable control pedal according to claim 1, wherein the first and second guide slots extend entirely through the upper arm and the first and second pins extend entirely through the first and second guide slots respectively.

26. (new) An adjustable control pedal comprising, in combination:
a pivotable upper arm having first and second guide slots and a drive slot formed therein;
wherein the first and second guide slots are each straight;

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contd
Sub (3) of
claim 26

wherein the upper arm pivots about a pivot axis which is at a fixed position relative to the upper arm;

a lower arm having a lower end carrying a pedal and operatively connected to the upper arm for selected movement relative to the upper arm;

a first pin secured to the lower arm and laterally extending into the first guide slot;

a second pin secured to the lower arm and laterally extending into the second guide slot;

and

a drive assembly operatively connected to the lower arm to selectively move the lower arm relative to the upper arm and including:

a screw carried by the upper arm;

a nut secured to the lower arm, laterally extending through the drive slot from the lower arm to the screw, threadably engaging the screw, and adapted to axially move along the screw upon rotation of the screw; and

a motor operatively connected to the screw to selectively rotate the screw.

27. (new) The adjustable control pedal according to claim 26, wherein the first and second guide slots are formed on opposite sides of the drive slot.

28. (new) The adjustable control pedal according to claim 26, wherein the first and second guide slots are nonparallel.

29. (new) The adjustable control pedal according to claim 28, wherein the first and second guide slots are inclined.

30. (new) The adjustable control pedal according to claim 26, wherein the pivot axis is spaced apart from the drive slot.

31. (new) The adjustable control pedal according to claim 26, wherein the drive slot is inclined.

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32. (new) The adjustable control pedal according to claim 26, wherein the first and second guide slots extend entirely through the upper arm and the first and second pins extend entirely through the first and second guide slots respectively.

33. (new) An adjustable control pedal comprising, in combination:
a pivotable upper arm having first and second guide slots and a drive slot formed therein;
wherein the first and second guide slots and the drive slot are each straight;
wherein the upper arm pivots about a pivot axis which is at a fixed position relative to the upper arm and space apart from the drive slot;
a lower arm having a lower end carrying a pedal and operatively connected to the upper arm for selected movement relative to the upper arm;
a first pin secured to the lower arm and laterally extending into the first guide slot;
a second pin secured to the lower arm and laterally extending into the second guide slot;
and
a drive assembly operatively connected to the lower arm to selectively move the lower arm relative to the upper arm and including:
a screw carried by the upper arm;
a nut secured to the lower arm, laterally extending through the drive slot from the lower arm to the screw, threadably engaging the screw, and adapted to axially move along the screw upon rotation of the screw; and
a motor operatively connected to the screw to selectively rotate the screw.

34. (new) The adjustable control pedal according to claim 33, wherein the first and second guide slots are formed on opposite sides of the drive slot.

35. (new) The adjustable control pedal according to claim 33, wherein the first and second guide slots are nonparallel.

36. (new) The adjustable control pedal according to claim 35, wherein the first and second guide slots are inclined.